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USSR

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REISSUE

EVALUATION OF MATERIAL ON ENORMOZ: FROM
CHARL'Z ON FUNICULAR AND FROM MLAD (1945)

From: MOSCOW

To : NEW YORK

No : 298

31 March 1945

ANTON [i]

We are sending herewith an evaluation on ENORMOZ [ii]. Referenced are materials from "CHARL'Z" [iii] about the FUNICULAR [iv]:

a) 5/46 [v]

[31 groups unrecovered]

gaskets [SAL'NIK1]

b) 5/60 - [6 groups unrecovered] - contains an interesting method of calculation, which will be used during the design.

c) 5/62 - technical data on the FUNICULAR and

[12 groups unrecovered]

d) 7/83, paragraph 1 - about the degree of separation of the membrane [vi] - offers substantial interest.

e) 7/84 paragraph 1 - about tests of the membrane and information about the layout of the plant - is of interest. What is needed is [7 groups unrecovered] plan of the plant.

f) 7/83 and 84 - on the theory of the [c] stability of the FUNICULAR - together with "CHARL'Z" materials on this question received earlier they form a full and valuable piece of information.

2) MLAD's [vii] report about work [4 groups unrecovered]. [1 group unrecovered] great interest.

No. 1972

VIKTOR [viii]

Distribution

[continued]

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- Footnotes: [i] ANTON : Leonid Romanovich KVASNIKOV
- [ii] ENORMOZ : The Manhattan Project (Development of the Atomic Bomb).
- [iii] CHARL'Z : ie CHARLES; Dr. Klaus Emil FUCHS.
- [iv] FUMICULAR: First occurrence. Probably the gaseous diffusion plant K25 at CLINTON Tennessee.
- [v] A dispatch reference. The first element is probably the month or postal dispatch number and the second a running serial from the beginning of the year.
- [vi] membrane : Also referred to as "barrier" in some books.
- [vii] MLAD : ~~XXXXXXXXXX~~
- [viii] VIKTOR : Lt. General Pavel Mikhaïlovich FITIN